AMENDMENTS TO THE SPECIFICATION

At page 1, line 27, insert --publication no.-- after "application" and before "2002/0006411."

Please remove Table 1 and 2 from the drawings and insert them at page 93 after "the list of references" and before "Claims."

At page 27, please replace paragraphs four through six with:

--Figure 5a represents LTB fusion constructs.

Figure 5b represents additional LTB fusion constructs.

Figure 5C represents an N-terminal fusion cassette. 35S refers to the 35S promoter for the cauliflower mosaic virus. TEV refers to tobacco etch virus. SIGP refers to signal peptide. LT-B refers to *Escherichia coli* heat labile toxin (LT) B subunit. Mse ZP3 refers to mouse zona pellucida glycoprotein 3. VSP refers to vegetative storage protein. GnRH-1 and 2 refers to gonadotrophin releasing hormone 1 and 2, respectively. --

At page 28, please replace paragraph 7 with:
--Figure 11 Anti-LTB end point dilutions of adult serum samples. Where the Control bar represents the average end point serum dilution of mice fed the wild type tomato powder, the Transgenic bar represents the average end point serum dilution of mice fed the transgenic tomato powder and the Transgenic + Adjuvant bar represents the average end point serum dilution of mice fed the transgenic tomato powder with Quillaja extract powder. The end point dilution was determined to be the first dilution of serum that received an OD 450nm reading of 0.1. Control n=3, Transgenic n=4 and Transgenic + Adj n=2. Error bars represent the standard error of the mean. The Y-axis shows the End Point Dilution.--

At page 29, please replace paragraphs 5 through 7 with:

--Figure 15 Stability study of Lyophilized HAO NT cells. The left panel shows the results of an HA storage experiment with HAO NT cells and the right panel shows the results of a stability study of lyophilized HAO NT cells.

Figure 16 Stability study of Lyophilized HA110-A11 Potato. The top panel shows the results of an HA storage experiment with HA110-A11 Potato and the bottom panel shows the results of a stability study of lyophilized HA110-A11 Potato.

Figure 17 Stability study of Lyophilized SLT 102 cells. The left panel shows the results of an HA storage experiment with SLT102 cells and the right panel shows the results of a stability study of lyophilized SLT 102 cells.--